

Docket No: 279089us

AUG 23 2010

## Applicant Initiated Interview Request Form

Application No.: 10/551,929 First Named Applicant: Frederic TaranExaminer: HAQ, SHAFIQUL Art Unit: 1641 Status of Application: Pending

## Tentative Participants:

(1) Soonwuk Cheong (2) HAQ, SHAFIQUL

(3) \_\_\_\_\_ (4) \_\_\_\_\_

Proposed Date of Interview: August 23, 2010Proposed Time: 11 AM(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video ConferenceExhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: \_\_\_\_\_

## Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) 112	27-29, 31-35, 37, 38, 40, 42-45 and 48-53	_____	[ ]	[ ]	[ ]
(2) _____	_____	_____	[ ]	[ ]	[ ]
(3) _____	_____	_____	[ ]	[ ]	[ ]
(4) _____	_____	_____	[ ]	[ ]	[ ]

☐ Continuation Sheet Attached

## Brief Description of Arguments to be Presented:

Applicants would like to discuss what claims scope would be commensurate in scope with the disclosure of the specification.

\_\_\_\_\_


\_\_\_\_\_

An interview was conducted on the above-identified application on \_\_\_\_\_.

## NOTE:

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible

  
 (Applicant/Applicant's Representative Signature)

 \_\_\_\_\_  
 (Examiner/SPE Signature)

Proposed Claim 27: A method of screening operating conditions of a coupling reaction of at least two functional groups, comprising:

i) reacting together at least two compounds:

a first compound of formula  $E_1-X_1-G_1$  in which  $G_1$  represents a first of said at least two functional groups,  $X_1$  represents a covalent bond or a first spacer group, and  $E_1$  represents the residue of a first molecule  $M_1$  for which a first specific antibody  $AC_1$  is available; and

a second compound of formula  $E_2-X_2-G_2$  in which  $G_2$  represents a second of said at least two functional groups,  $X_2$  represents a covalent bond or a second spacer group, which is optionally identical to or different from  $X_1$ , and  $E_2$  represents either a residue of a second molecule  $M_2$  that is different from  $M_1$  and for which a second specific antibody  $AC_2$  is available, or a group capable of forming at least one covalent bond with the antibody  $AC_1$  in the presence of a coupling agent,

wherein said at least two compounds are reacted in a solution comprising a solvent under predetermined operating conditions comprising a candidate operating condition to obtain a reaction medium and in the reaction medium, to obtain a compound Z composed of ~~comprising~~ the chain  $E_1-X_1-G_1-G_2-X_2-E_2$  comprising the  $E_1$ ,  $X_1$ ,  ~~$E_1$~~   $X_2$  and  $E_2$ , wherein  $G_1-G_2$  represents the group of atoms resulting from the coupling of said at least two functional groups;

ii) determining the concentration of the obtained compound Z in the reaction medium at a predetermined reaction time  $t$ , by at least one immunoassay, said immunoassay comprising at least:

bringing the reaction medium obtained at reaction time  $t$  into contact with a solid phase on which the first antibody  $AC_1$  is immobilized so as to obtain the attachment of the compound Z to said solid phase by immunobinding between the antibody  $AC_1$  and the residue  $E_1$  of the compound Z;

removing the reaction medium;

measuring the amount of compound Z attached to the solid phase; and

determining, on a standard range, the concentration of the obtained compound Z in the reaction medium at said time  $t$ , from the amount of compound Z thus measured;

comprising at least the antibody  $AC_1$ ; and

iii) evaluating the effects of the candidate operating condition(s) on said coupling reaction by the concentration of compound Z thus determined.